

ABSTRACT

In a coding method, a $(2N-1)^{\text{st}}$ original block of m bits is encoded as an A type weighted block of n bits and a $2N^{\text{th}}$ original block of m bits is encoded as a B type weighted block of n bits. In a decoding method, if a weighted block of n bits is the A type block, the weighted block of n bits is decoded as the $(2N-1)^{\text{st}}$ original block of m bits, and if otherwise, the weighted block of n bits is decoded as the $2N^{\text{th}}$ original block of m bits.